FIG.1

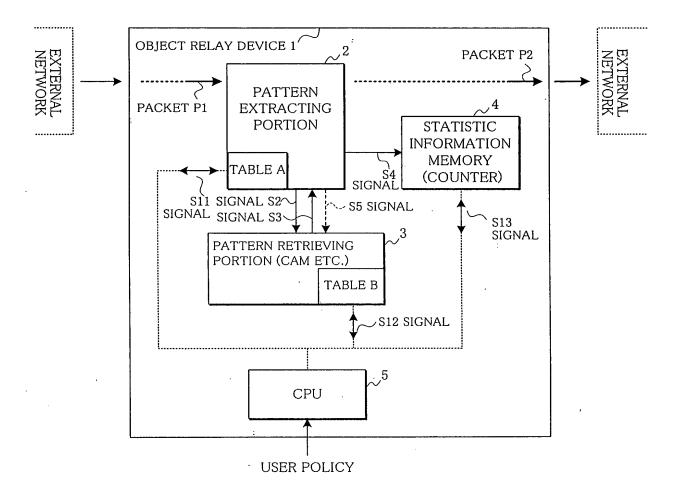
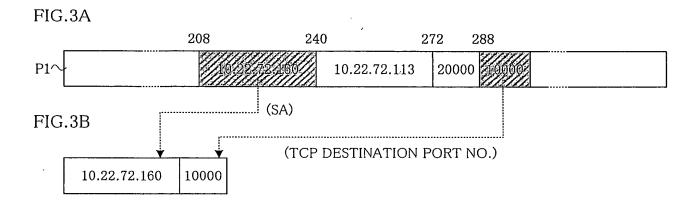


FIG.2

T.	TABLE A (TABLE FOR REFLECTING USER POLICY TO PATTERN EXTRACTION)												
ENT	PACKET TYPE	ERROR TYPE	PATTERN EXTRACTION POSITION ((OFFSET 1, LENGTH 1), (OFFSET 2, LENGTH 2),)	STATISTIC INFORMATION BASE ADDRESS	LEARNING FLAG								
	0 1 (EX.1) { 0, 0800, 6 } 0 (ABSENCE) { (208, 32), (288, 16) } 80000000 0 (ABSENCE) 1 (EX.2) { 1, 0800, 6 } 1 (PRESENCE) { (116, 12), (240, 32), (320,16) } 80000000 1 (PRESENCE)												
% (T	**PACKET TYPE EXAMPLE:{ (PRESENCE/ABSENCE OF TAG: 0 ABSENCE, 1 PRESENCE), (TYPE VALUE: 0x0800 (IP)), (PROTOCOL VALUE: 6 (TCP)) }												



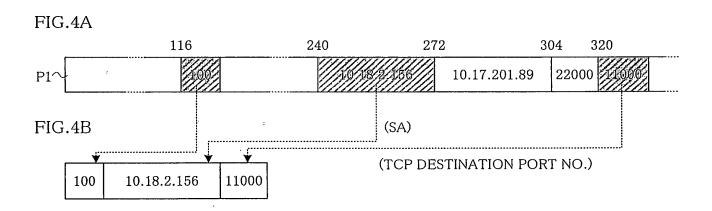
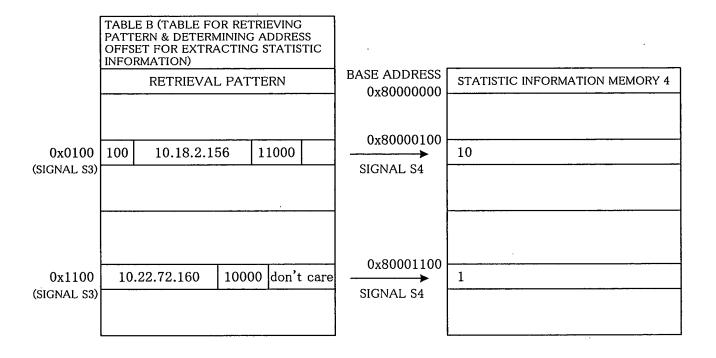


FIG.5



	PATTERN	TABLE A -1 { PATTERN EXTRACTION POSITION (OFFSET 1, LENGTH 1), (OFFSET 2, LENGTH 2),}
FIG.6A	(α) (β)	{ (96, 16), (176, 8), (184, 8) } { (96, 16), (128, 16), (208, 8), (216, 8) } :

			TAB	LE A -2
FIG.6B	ADDRESS	STATISTIC INFORMATION BASE ADDRESS	LEARNING FLAG	PATTERN EXTRACTION POSITION ((OFFSET 1, LENGTH 1), (OFFSET 2, LENGTH 2),}
FIG.0D	0x0008 0x0009	80000000	1 (PRESENCE)	{ (116, 12), (240, 32), (320, 16) }
	0x000a	80000000	0 (ABSENCE)	{ (208, 32), (288, 16) }

FIG.7

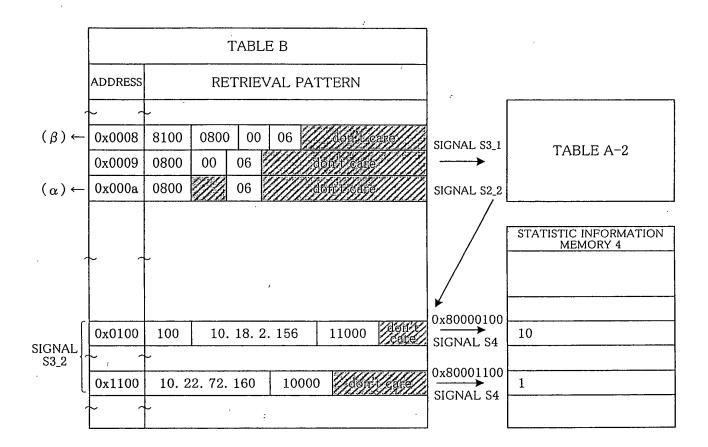


FIG.8

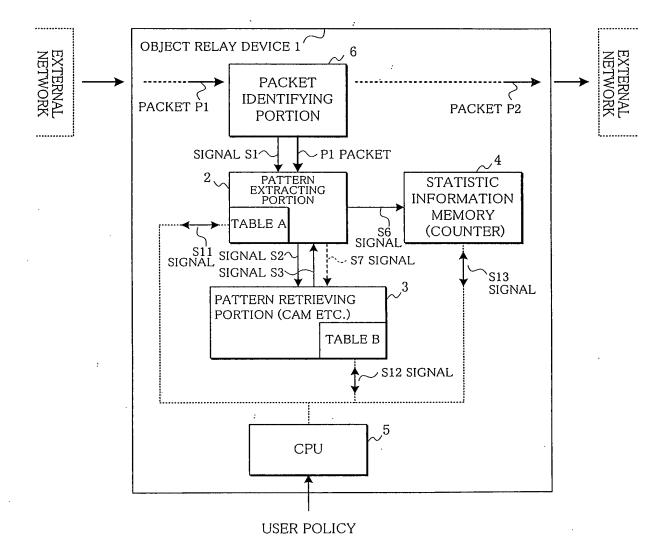


FIG.9

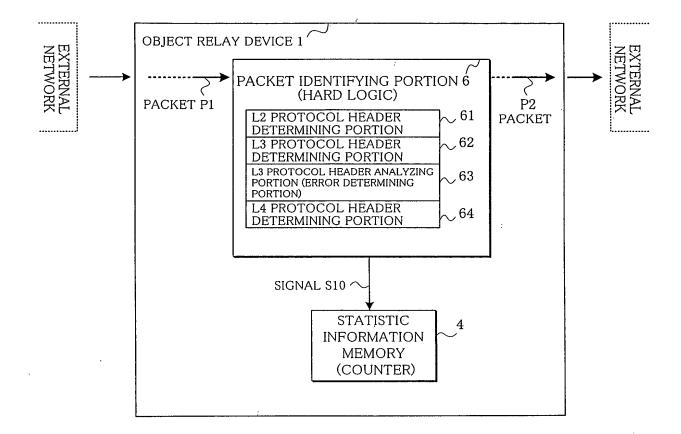


FIG.10A

63	56	55	48	47	40	39	32	31	24	4 23	3	16	15	8	7		0	
	MAC DESTINATION ADDRESS													MAC SOURCE ADDRESS [47:				
	MAC SOURCE ADDRESS [31:0] FRAME TYPE/FRAME LENGTH									Ver	HEADER LENGTH		TOS					
ŤC	TOTAL LENGTH ID							FRAG	GMI	ENT		TTL			PROTOCOL			
	CHEC				·	IP S	SOURC	E AD	DRESS				IP DESTINATION ADDRESS [31:16]					
IP DE	STINATI [15	ON A :0]	DDRESS	S	OURCE	PORT	ΓNO.	DE	TINATI	ON	PORT	NO.	5	SEQUE!	۷C	E NO.		
SI	EQUEN	ICE I	NO.		ACKNOWLEDGEM					Ο.			OFFSE	T RESERV	ED.	RST PS ACK	NE.	
	WINI	OOW	CHECKSUM URGENT						ГР	ITNIC	ΞR	4	10.44			4		
									N.	,			8 6			4		

FIG.10B

63	56 55	48	47	40	39	32 31	24	23	16	15	8	7	0	
		MAC S	MAC SOURCE ADDRESS [47:32]											
	MAC SOURCE ADDRESS [31:0] TAG IDENTIFIER TOX8100]												ID .	
FRAME	E TYPE/FRAME LI		TOTAL	LENGT	ΓН	. ID								
	FRAGMENT		ТТ	L	PROTOCO	OL	CHEC	CKSUM		IP SO	URCE AL	DRI	ESS [31:16]	
IP SO	URCE ADDRESS	[15:0]		II	DESTIN	ATION	ADDRES	SS		SOURCE PORT NO.				
	TINATION PORT					JENCE	NO.			ACKNOWLEDGEMENT NO.				
ACKN	IOWLEDGEMEN	T NO.	OFFSET	RESERVE	RST PSK GC	N NE	WIN	DOW		CHECKSUM				
UI	RGENT POINT	ER		T.										

FIG.10C

63	56 55	48 47	40 39	32	31	24	23	16	15	8	7		0
	-	MAC S	SOURCE A	DDI	RESS [47	:32]							
	MAC SOURCE ADDRESS [31:0] FRAME TYPE/FRAME LENGTH											TOS	
ТО	TAL LENGT	Н	ID			FRAG	MENT	`	r	TL		отос	
(CHECKSUM		IP S	OURCE	EADD	RESS			IP D	ESTINATI [31:	ON 16	ADDRE	SS
IP DES	TINATION ADD [15:0]	ress so	URCE PORT	NO:	DES	TINÁTIO	N POF	ON TS		LEN	GT	H	
	OHECKSUM:		enga - Paparasa III										
			10 (10)										
				7			1 1 9			4			

FIG.10D

63	56 55	48 47	7	40	39	32	3	31 2	4	23	16	15	8	_ ′	7	0	
MAC DESTINATION ADDRESS												MAC S	OURCE A	٩D	DRESS [47:32]	
MAC SOURCE ADDRESS [31:0] TAG:IDENTIFIER [038100]											PRI E			VID:			
FRAME 7	RAME TYPE/FRAME LENGTH Ver HEADER TOS							TOTAL	L.	ENGTH	1	ID					
	FRAGMENT		ТТ	`L	PROTO	COL		CHE	IP SOURCE ADDRESS [31:16								
IP SOU	RCE ADDRESS [[15:0]		I	P DEST	TANI	ΊC	ON ADDRE	SS	3		* S0	URCE	P	ORT N	(Ö:	
DESTI	NATION PORT	NO.		LEN	GTH 🖖			CHE	Œ!	KSUM.							
			3777		7.											. A	
		4				1				100		Program (1)					